The Mining Journal.

ENLARGED SHEET.

OCTOBER 12.

HE MEANS BY WHICH THE PRESERVATION OF MINING RECORDS MAY BE BEST ENSURED.

ANTED, M.A., F.R.S., PROF. OF GROLOGY, CAMBRIDGE-before the G.uingirni Section of the British Association, Sept. 26.] [Communicated by the Author.]

uitted a paper, entitled " Suggestions on the Pracicate with Government, and subsequently, the adoption of a recommended, and the establishment of the office of ords, attached to the Museum of Economic Geology. It is ing Records, attached to the Museum of Economic Geology. It is palitely that a comisiferable number of important decuments might be included in the course of time in this office, but it is believed that such shability is quite inadequate to meet existing circumstances, and that it regulations ought to be enforced by authority of Parliament, so that inderground operations now in progress thould be recorded, according ime general plan, and the knowledge of these operations handed down ich a form as to be available in future years. In this way only can be adventures learn what portion of a mining district is autually worked by these dangers may be anticipated by coming in the way of ald exonom, and what prospect there is of success in the presention of works huffinished. The want of such information is not only greatly injutious limits property, by leaving open a doubt with regard to natisers so imment, but in many cases it is the cause of serious danger to human life, or the wasten or worked out spaces left in mines have become the rescion of great accomulations of water, or are loaded with the maximum that cande from the mineral produce. The object of this communion is to direct attention to the extent to wind the mining interests of hand would be promoted by the establishment of a general system of ing records, to show that Parliamentary interference is imperatively of for, if any satisfactury result is to be attained, and also that the size of the British Association are likely to be successful, if the propers are taken, whether by engagestions to Government as to the most manageous method of proceeding in, or by pressing on public attention real importance of the subject, and inducing the Government to set institute necessary inquiries. The benefits to be superted from the position of a substance of an anastifactory. The phenomen relative to the maximum discussions to mining, which is chiefly difficult and doubtful becomes absorbations to mining, which is chiefly difficult and doubtful becomes absorbations to ely that a considerable number of important documents might be ted in the course of time in this office, but it is believed that such

into the Hanton Colliery, the water having accumulated in some of workings which and how relimptable severity years. It is also a matter of no little economical importance, that in some cases, owing to the want of records, a coal-pit has them mank, and other expensive operations carried on, upon a stronght-out seem of coals. But, busides the advantage of being able to arried the danger can insichler arising from a too mear apprecable to these old workings, the rapid improvements that are constantly taking place in machinery, and the discoveries by means of which mineral produce at one time useless may at another to some value, render it extremely desirable that the circumstances under which old works are abandoned should be in all cases clearly recorded. It is, however, certain that this will sever be done by the persons about to relinquish the working of the mine, became they will not put themselves to expense for that which there will not be read to observable on the latter of the product of the persons of the control of the state of the persons of the state of the persons of the state of the persons of the control of the state of the persons of the state of the persons of the control of the state of the persons of the control of the state of the persons of the country where the whole detail of mining operations has been carefully stated, as no instance of what has been temperature of the country where the whole detail of mining operations has been carefully stated, as not state of the persons of the persons of the state of the persons of the

MINING RECORDS.

bedied the substance of the opinions expressed on the subject by some of most eminent geologists and experienced miners during the past fifty year with some further observations, illustrating their national importance as voiving, if further neglected, the deterioration and eventual loss of a la portion of the mineral wealth of the country. It appears that as long at 1997, Mr. W. Thomma, of Newmantie, rend a paper, at a meeting of Literary and Paleonophical Society of that town, on the propriety of eblishing an office "for collecting and recording authorite information retire to the state of the collicities in the neighbourhood, and the progress than been made towards assertaining the nature and constitution of the straint those seams to which the workings in this country have been confined Twenty years afterwards a committee of the society stated that the propose he had made, "though highly approved, and partially execuraged, full to ground," Mr. Thomma's observations were again read on the 6th June, 19 accompanied by a paper from the late Mr. W. Chapman, engineer, but

and to clieft from them such views and opinions as may the ingleisture to a correct judgment as this important

DAILY COMMUNICATION BETWEEN ENGLAND AND GERMANY

IMPORTANT MEETING AT HARWICH.

I findently last a public meeting was held in the Town-ball, Harwich,
subject of great inset and national importance, the establishment of
p communication between Engineed and Cormeny, and Engineed and
set, sie Herwich; the course and the time occupied being, according he proposed plan :-From London to

From Glowbandt to Gloschands, by wedne

Prism Glowbandt to Hambergh, by relivery

Thus, by manuscred to Hambergh, we salvery

Thus, by manuscred to Hambergh, we salvery

Thus, by manuscred to Hambergh, we salve to the time otterpidd in a
journey from London to Hambergh, we salve to towary-fee house; the
journey from Engels to the nearest landing place of the Hagus being

softmanded to nearest from the house. At I we're o'clock the

Town-hall of Harwich was crowded; and shortly after that house, on the

moniton of Mr. Hagedon w, the major (Mr. T. Corbodd) was calcult to the rhair.

The following genelsomen were present as a depostation from the Engrepons

Steam-packet Georgany — Mr. Hagedone, Mr. Abraham Bauer (of the city

of Hambaugh; 11, King William aspect, London; and Enchange Book,

18, Rowmanderson, Manchestery; Mr. James Crobs (of London); Mr.

George Thompson, and Mr. C. Doubin Hays (navalambited). In the vi
skeldy of the chair wars also Mr. John Ignoran and Mr. B. Hall (irom the

Emerge Connother Hadrows Consepony), Mr. F. W. Freshfield, Gap. Bow
mon, Mr. I. Fraticick, the Bee, R. ball, Massen, F. Halve, L. Cortingham,

Biones, Bumar, its., Bolins, Johnson, Smythe, F. Sevens, Bradding,

Miell, Chapman, George, Fuller, Ried, Dues, with principal inhabitants.

The Chapman Recrust the fait in its success, introduced

Mr. Ramman barring briefly explained the abject of the monthing, and

agreement the deep interest to fait in its success, introduced

Mr. Ramman, who was reacted with lovel charaing. He said that he

had already had the houses of introducing to the macking. He con
stands of the serve to proposed the soft in the vicence, introduced

Mr. Ramman harden of the remainen from that place, but never with

greatest planeauer than on that remainen of the depotation whom

he had already had the houses of introducing to the macking. He can
same took proposed the serve of introducing to the macking. He can-

her had already had the homouse of introducing to the meeting. He con-ferent has who and proposed for such amplial re-operation as those gentleases were proposed to give in furtherance of his views; and he took the op-positionity of deschausing any title to being the originator of the plane should to be unhantited to the meeting. The metal belonged to the gentle-sean on his left, and all his shore in it was rendering his continual co-cumpation, and taking that lively interest in the occases of the maderial ing which he were felt in everything effecting the welfare and interests of the homough of Herwich (Lond chorea.) The shiper which they had in seets on his left, and all his share in it was rendering his continuit congression, and taking that lively interest in the sectoring the modernal long which he was the seathlishment of these.

The object which they had in everything effecting the molitar and interests of the beautings. If Herwich, (Lated choren,) The object which they had in the was the seathlishment of a line of communication between the post of Herwich and the comminent of Europe—in a word, to bring both to the place the truths that animal of the time of the was. (Choren,) Their places were described with come previouslessly in the prospectus which had been put to described with come previouslessly in the prospectus which had been put to described by the draw their actualities to the prospectus which had been put to describe the put to the prospectus which had been put to describe the put to the prospectus which had been put to describe the committee of the season of comminding the major of England, and tradeign the animore of comminding the major of England, and tradeign the momerous lines of collected that of increase and the rendered this princip, and promised to render Hearwith accessable to a large previous of the country or would exhe their major of the prospect of the committee of collected the collected the collected that the rendered collected progress of the Continuent, they would as more existed them was a commission of observation of collected the collected them are not the point of the point of the collected them are not the collected them are not the collected them are not to be collected to the rendered collected them are not to a collected them are not to the collected them are not the collected them are not to the collected them are not to the collected to the collected them are not to the collected to the co more than an proposite two and a had making of making flower. Colebration gift with a reference of magnitude course, as that, of this neighbors, under a gift with the templature, under a proposite that the templature with the following the safety of the proposition providing the of Chips. Whealthing too, D. N., because a commencate of the Blooms of a templatic transposite that the proposition of the proposition was not the proposition. When the excepting was not been described to the proposition of the eppositionally of superstancing library processes to what processes to what processes to the superstances of the Room or his freezile were account his ampliced as he the bine is terft, 6 was aufgestied there the proposed three thereof, to this describe evaluation of the form of t men, and refer gan-

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ad Glockstodt in the Elbe; nations purlious of Germ and safety schools are so The third is the diminusion, to a great extent, of the amount of time and money—two practical communities—now required to perform the same jumpay. In other words, the travelles, when one project is accomplished, will have a deely, instead of a 6-weekly, occuryance to Hamburgh: a jumpay of receipt from hours on the water, instead of one of sirry; and when sole in the city of Hamburgh, at the end of 28 hours, will have affected a saving, and only of two days and a half, to regard to time, but of about \$\mathcal{L}_2\$ invariant money. These will he the context advantages to each saving, not only of two days and a holf, in regard to time, but of about £2 jermapling money. These will be the constant advantages, to say nothing of entaging the many cascadiles atlandant upon the present mode, or of the immense value of such a conveyance as we propose under a variety of discussionaces every week accurring, when speed and certainty are of the stancet importance in commercial and money transactions. Another feature of this proposed to also likely to recommend it to public patronage—namely, the non-payment of the bende does, which, as you all know, are not particularly popular with the supertors of gends on this side. Under these circumstances, we assent he account of the feature over convenies when we extract for our of this proposal is also likely to recommend it to public patronage—namely, the non-payment of the head desse, which, as you as it have, are not particularly popular with the exporters of gends on this side. Under these circumstances, we cannot he accused of being ever sunguine when we enticipate for our plan the florous and patronage of the public; indeed, whatever may be the gains to the shareholders in this company, the benefits to the company are obvious, coherential, and reciprocal. Judging from the no-procedented amount of terralling which we have lately witnessed, in consequences of the great reduction of favor on railways in different parts of the hingdom, on what are called curvations days, we may nafely conclude that there will be a proportionate amount of foreign travelling when expedition and consensy, when conduct and courty are governituded. I need scarcely dwell upon the great advantages which commence is both countries will derive from a daily indercourse between England and that part of Europe with which this company will be connected; and not only commence, but the great introves of homeanity, in connection with the cause of forernational proce, and the operad of howerings and colaraction. These benefits will be apparent to all who look at the connection with the cause of forernational proce, and the operad of howerings and colaraction. These benefits will be apparent to all who look at the connection with the process experiments of a similar character. I may be permitted to glance, along a the connection with the success of the process of the power of these can have with the fatters wither of your own town, and the property of these noise of however, will expect one of the process of the power of the power of the process of the power of the power of the process of the powe ment, and have exame to repeate in the verying out of such a propert as that which has been laid before you. I do not, therefore, seek the injury, but the real and permanent goods of my native hown. I cannot diamins the part of the output without expressing my sincers regret that the motion of Canning—"Crui and Religious Livery all neve the world"—has not been adopted by the elected of Reroys generally. France, Religious, Religious, Religious, Ladiners the record by the elected of Reroys generally. France, Religious, Religious, and through the religious to the series of freedom; and, in proportion as they have done so, they have rices in wealth, power, and subsequent limit there are sent outs of the continuous limitation in which we interior discussed. in proposition as they have done so, they have rises in wealth, power, and indiscount. But there are some parts of the Continuous in which religious distinctions yet easier where a man is provident as a titizens for a conceivations a discounter to the faith of his farefailnes—where the holding cretain kinds of proposity is made receditional agon holding a certain creat—where, sinc, the spirit is made receditional or necessary continuous explain as managed to provide the faithful of proposition and providents (so raised) is eight eldershad—and where there is a degree of proteomy and this raised to eight eldershad—and where there is a degree of proteomy and this raised of the entering the second of commence throughout the work. Now, Mr. Mayor, allow me to say that it is my accused to greatest service in their consists, and the count of commence throughout the work. Now, Mr. Mayor, allow me to say that it is my accused tops that the movement we are renderengiating to day will be foundation for the enterior pation of Balancia, in porturaine, from the porturbles and fractions to the enterior produced that it is also and the part of Germany with which it accome produced that it is full the benefit of our property by their wing down every angine used wears not become intrinsically and most extensively commence, was any reaction to the full the benefit of our property by their wing down every angine used wears not become intrinsically and most extensively extensive the comming. I count, when no back and hypersonies have will compensate in an extensive the commence of the most page for a given prefer in monamere and matters and thus the approximate of anothers and thus who have been both home who have been both home who have been both home when have been both home when have been both home when have been been been as a conventual of their telegrams an accommence of their continuous an accommence of the continuous and positions of the continuous and positions of their continuous and positions of their continuous and posit first sheet are some parts of the Conflored in which religious disservices of these pringuists demonstrates. I have mostly those retained, because I bed conveniented there are because I wish that element of those case you again; because I wish that entered in the caption of many between I wish that entered is not prince; and because I firmly believe that we say environed in beauty and quantities of the says of the sa trade and commercial tensormers, without any regard to sentine, or to lead gauge, or to creed. I do not doubt that we must be more, on the solve sold with a finding of garanise filterality—that our agents will be corregained ass with a haring of gamma interestry—took one agence will be been games by protected, whatever exceeding their matter, or miligions starp be_{min}, that out articles, a chaines converty they may believe, will be premarized to be exceptioned upon on configurate, and with the common secretary and from too or though they were Chain and pure, on the configurate, and with the construction of the trader-secretary, gaining, and compressing which have been commissioned there. In fact, then not non-compact with secret the control of finite control of finite control of the control of finite cont the emogeneous of the commissions, to ear, these way whose beart own a big or on the word, or the same is the way of industrial I concount these in the way of industrial, or the same in this word. Meaning it consumes the competitions. I will deadly give, or inclinations, consistent with my school recompetition. I will deadly give, in inclinations, consistent with my school provided a secure of the control of the north reads, bottermen which my retain consequences, i the nort with, bottermen, then my ability whereal is con-related that it is very meall, where yet it consequences goodlessees. I can the distant of the sense polarized into it all actions. I distant to see the principles of position man, between conferra or wall as incl. willfill, and also

Secretary and for two parametrized that the strice was a train presentation of the strice and the strice of the st

Mr. Exas then gave an interesting description of the Kiel and Alton Railway, and the prospects of the Glorkatadi Harbour and Dock Compathe objects of which were to affind additional facility to the common Germany, Contral Europe, and the countries bordering the Bell to expedite personal communication with Copenhagen, Norway, Roseia, and the merit of Europe, by the formation of west decky at port of Glorkatadis, on the Elbe, in commention with the railroad new forming, that will shortly communicate with the Kiel and Altona Railway, now nearly finished, thus effecting a junction of the Elbe with Kiel to the north, and Hambourgh by the way of Aliona to the east.

Captain Duanz then came forward, and was loudly cherred. They had, he said, esperianced many difficulties with request to their railroad from the rivaley of companies, but in steam communication by on they could have no rival. He knew Harwich well, and he asserted that the capabilities of the harbour were infection to mose in Great Britain. Its could have no rival. He knew Harwich well, and he asserted that the capabilities of the harbour were infection to mose in Great Britain. Its could have no rival. Great services to Harwich; at present they day, in fogs or in storms. (Loud cheers.) He was of opinion that the proponed company would be of great service to Harwich; at present they were at low-water mark, but he louded the flood had now somes that was to lead on to fortune. (Cheers.) The gallant captain concluded by proposing a resultation, encommending the European Steam Navigation Company to public support. (See Advertisement.)

Mr. COTTINGBAN seconded the resolution, which was carried mark-

public support. (See Advertisement.)

Mr. Corringman seconded the resolution, which was carried unselmously smid great applause. Thanks were then voted to Mr. Bagalaw,
and his women the Mayor, and the meeting separated.

MASTERS'S PATENT ICE MACHINE.

MASTERS'S PATENT ICE MACHINE.

Br. J. S. Seconting, note agend, 140, Cheapaste.

Scarcely a week clapses, but we are called agen to octive some new appillments of science to the requirements, the comforts, octive some new appillments of science to the requirements, the comforts, octive some of civilized life, and it is long sions we inapected with greater pleasare, the results of any activation by the use of ice. By this riequant apparatus, which are advantable by the use of ice. By this riequant apparatus, which may now he are in chairs operation at No. 159, Cheapaide, and which is most simple and economical is its effects, every description of for for the table on he prepared in a most superior mointer in a few minutes—and while the frigidit-fying process is being completed, a cythoder of opaque ine is forming, which being inserted in an origant japanand case made for its reception, may be placed on the table, and is capable of holding four battles of wise, thus keeping them could to the last drop; they certainly form a most recherché ornament for, and useful adjunct to, the dianer table, and, from their unique and eigenst appearance, are an ornamend over to the drawing-roses. The apparations for these propared is already and two inches wide; within those agents, which are of timed short from, is another containing a faced wooden spetial, taxing an opening down live tentra from top to bottom, and round which the cythoder of power revolves freely as on an arise; the spote between the lance and this revolving cylinder is about four inches, and in which is placed a mistare of its of the induce of soon, and is about four inches, and is an inches to the machine, and my placing within it the creame, july, or other substance to the reachine, and paid a should four inches, and is a hour to substance to a reach of when he is an an arise; the spote between the lance and this revolving cylinder is about four inches, and in which is placed a mistare of the machine, and on placing within it the creame, july, or other subs

then her the patentin a necessary adjusces to a measural forestanced. Mr. Master.

Mr. Master.

Mr. Master.

Mr. Master.

Mr. John Wran, Mr.D., LL.D.

Another part of the invention consists in a somewhat similar apparatus for freezing water and other liquides, ite., without the sol of too, and will prove a number of promiting the results of the provent a most takeful piece of freezings for vesification to warm of impates, or in phases where lot is sed attainable. We exceed give so there a description of this as the former, but there is a their equinder, these forening two shares (busides the nos for the freezing melature), in the soute one of makes in places powdered charcoust, or other was exceeded of dear, and in the insert one of which is placed powdered theorem; or other powder cylinder for the politics, its similar to that before the nose of the powder cylinder for the politics, its similar to that before decorribed, having on its lower extented anyther, but is similar to that before decorribed, and is standard component to the south of the province the senior of siding productions, aginals the fire of large states, being, in this case, water, and a character for and sociated of acids in the other exchain. The quick and over latting productions of the granter's hand, which provinces the south of siding production to the province with which they are producted, wheath is same to be appeared to the fire of the first provinces, hence it with the facility and particular on the accuracy patrions with which they are producted, the side for the patrions, and an powder with which they are producted to the force the patrion, it will be accurated and the beauties of the heart of saids on in the production of the production of the south of saids pour in the production of the south of saids pour in the production of the south of saids production of the production of the south of saids production of the production of the south of saids production. Jose Bran, M.D., LL.D.

Count Yak as a Fairty,—dir, Courter linewes, of the Manhatters Works, New York, recommenced the was of east the fair painting foreces businings, Asc. "It cover alrest by skynesers to the manhat, and one o good counts will lead many practs; it is the strangest and best black paint can be need. Our buildings are princed with it, all site typication also even the weight lives ying we place in the present in entire law months with it; it is all-sate paintings were still known it would be passently wond throughts United States. The Growninsens rook to have send to building the filtering the term of the participal with it are protected from cut when put in the ground, as offering the first participal with it are protected from cut when put in the ground, as offering in the first participal with it are protected from cut when put in the ground, as offering the first participal with it are protected from cut when put in the ground, as offering the first hard been for a walk of the participal was a subscription was a subscription was a subscription.

And harmer Lawrer Blanck v. A house provides more than the Standard, The Sale Impairment and an invanish house, is single Saleshand, when a nebest time age mathematical to a membrios appointed for the purpose, when declines manufactured by a sale purpose, when declines manufactured at the purp time of several as the purpose, and a conservation of all is declined to the time the purpose of a several and the several and a conservation of a several and the devicesy the increased; and seek water extraction to appearing an own or imme, a devicesy the increased; and included values in it is an each most appeared as much be required to procure to equilibrium, assembling to the way which is may be obsequed, and, by assembly a motive president, as a ring to confine the accidions of the remove, acciding the processal loging descripted by shipping matter.

The Control of the Co

GEOLOGY OF SCOTLAND. -- No. I.

th it is justly entitled; yet, with the encey out, and that but imperfect, no systematic tempted. It is to supply this deficiency t

ACCOUNT OF COLUMN AND ADMINISTRATION AND ADMINISTRA

All districts transplanced SM men for several power americang for gold, and evidential SM, selled, worth, a second, burster, by the a productive for an experiment of the second state of

near Nantea, and land specially hargament that he shows from the competer of the pumps himself, without interference in any way from the competer of the pumps of the continent, should take the greatest precastions, or they will a surrestly be victionized. Their contract should stipulate conditions with England would be considered trivial; they should, if possible, if yearantee the engine to faild certain conditions, do all the mann and positive work themselves, or, if that is not convenient, to have it does not not not not the property of the property

ON WOODEN BAILWAYS.

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the expect, incomments as are element and new systems might now grant the mentivaction of a railway from Nork to London at a loyeth or lifts and the or develor years age. Amongst these new systems, the mentical state of the electric years age. Amongst these new systems, the mentical file was the proposed recoverace by Mr. W. Pouser, with critical critical inflications, to the nanctes mounted nature. These medications were The elemental papersonication of the five of the wood factor mount development and and mount inflications, to the nanctes where the comment of the state of the systems of the was distorted of the state for the five registers of the systems of the was distorted of the state for the five registers of the systems of the was and terr on the state for the five registers of the years which he system the principle of the system of the system of the state of the proposed fination, and successfully, as with the whorked an ordinary carriage, and the case wanted by placed upon the ordinary carriage springs. Mr. Adiana, the manda healthire, was stringly imprenent with the water of the proposed fination, and successfully imprenent with the water of the proposed fination, and successfully the sound to place the state of the proposed fination, and successfully the sound of Psychologic, which takes, by district the water is the state of the proposed fination, and successfully principle—was the sound of Psychologic, which takes, by district the water is an advant of the sound to the sound of the successfully the sound of the sound to the sound of the successfully decreased in the sound of the sound of the sound of the sound of the successfully decreased in the sound of the sound

SUPPLY OF PURE WATER TO THE METROPOLIS AND ITS SUBURBS-PROPOSED NEW COMPANY.

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state changes the special same and the persystem of maximal districts.

The state of pattern, the health, comfort, and expirates of maximal state of the persystem of pattern of the persystem of the per

WESTMINSTER (STANGATE) DEPTFORD, AND WESTERN; TERMINUS RAILWAY COMPANY.

all generative continued for of vary considerable priors according to the probability, pay the attentionations a fine immens for their college.

NEW Case Marcal Price of the tensing shall be a red band, by planing of the continued to a red band, by planing of the probability of the state of the college of the college of the state of the college of t